

I. Use

· JS-G fully isolated sealed water immersion transmitter according to the detection of electrode immersion impedance changes, through the special integrated chip for water immersion input signal signal amplification, shaping, comparison, output dry contact or high and low level change signal, indicating whether the transmitter location of water; structure using integrated fully sealed plastic shell design, to ensure the high reliability of the product.

· The product has high reliability, anti-interference, high sensitivity, fast response time, easy to install and other characteristics; to achieve full isolation of power, input and output. Suitable for communication base stations, precision machine rooms, libraries, hotels, restaurants, warehouses and other places that need to alarm when there is standing water.

II. Product Features

1. Integrated fully sealed design: the internal circuit is fully sealed with rubber molding, waterproof, moisture-proof and corrosion-proof, moisture-proof and corrosion-proof.

2. High isolation: power supply, input, output three-terminal isolation design.

3. Strong anti-interference;

III. Technical parameters

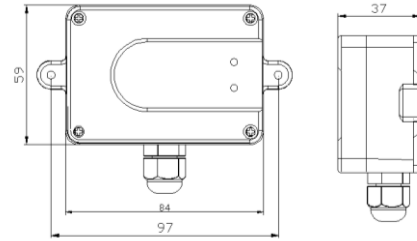
1. Power supply: DC 24V (12V~36V)
2. Operating temperature: 0°C~60°C
3. Working humidity: 20%RH ~95%RH
4. False alarm rate: <100ppm
5. Static power consumption: 0.5W
6. Alarm power consumption: 1.2W max.
7. output form: relay (load current 100mA)
8. Load capacity: solid state relay \leq 100mA
9. Protection level: IP 66
10. Product weight: about 150g

IV. Outline and dimensional drawings

Shape drawing



Size Chart



V. Wiring (Field wiring is subject to the actual product)

JS-G-2 relay output electrical wiring instructions:

Red wire: Power +

Black wire: Power -

Blue wire: Relay COM

Yellow wire: Relay NC

White wire: Relay NO

VI. Installation method

The indicator light faces upwards and is fixed in the measured position using the mounting holes.

VII. Selection

JS-G-	Fully Isolated and Sealed Water Flood Transmitter	
	2	Relay Output

VIII. Detection method

1. Please read this manual carefully before use and make sure the wiring is correct. When the DC24V is connected, the green indicator light will be on, indicating that the power supply is normal;

2. When the water flooding sensor encounters water, the red alarm light will be on when the conductivity is higher than the upper limit of the alarm. When the flooding sensor is exposed to water, the red alarm light will be on when the conductivity is higher than the upper limit of the alarm. After the flooding is lifted, the red light will go out and the transmitter will be in the alert state again.

IX. Product repair and maintenance

1. If the transmitter is faulty, please contact our after-sales service and confirm the problem when you need to send the transmitter back to our company for repair with the following information:

- Description of the site environment;
- Fault phenomenon;

2. transmitters are precision instruments, should be stored in a dry and ventilated indoor environment, avoid direct sunlight. Product cleaning can only use easily vola-



tile reagents to clean the transmitter, avoid using corrosive reagents to clean, such as acid, alkaline solvents, household detergents, etc.

X. Cautions

1. When you receive the product, please check whether the packaging is intact, and check whether the transmitter specifications and models match the product you have purchased.

2. Water flooding transmitter in the installation of attention should not be close to the conductor (such as steel pipe), so as not to cause the transmitter will always be in the alarm state.

3. Transmitter dustproof water spray, after the detection of water leakage alarm, should be dealt with immediately, water leakage depth higher than the transmitter is strictly prohibited, resulting in damage to the transmitter by water immersion.

4. This product is an electronic product, scrapping will produce environmental pollution, scrapping should follow the national electronic device scrapping related standards.

Packing list:

- | | |
|------------------------------|-----------|
| 1. Water flood transmitter | 1 set |
| 2. Instructions for use | 1 serving |
| 3. Certificate of Conformity | 1 serving |